

REMARKS

This application has been carefully reviewed in light of the final Office Action dated August 9, 2006. Claims 118 to 142 are pending in the application. Claims 118, 119, 121, 123, 130, 131, 133, 135 and 142 have been amended, and Claims 118, 130 and 142 are in independent form. Reconsideration and further examination are respectfully requested.

The Office Action again alleged that the executed declaration is defective. It is believed that this objection was entered through oversight, since the May 31, 2006 Amendment included a Submission Of Supplemental Application Data Sheet.

Claims 118 to 142 were rejected under 35 U.S.C. § 112, first paragraph, for allegedly failing to comply with the written description requirement. The claims as amended recite “correcting code of user interface control objects written in a markup language, by using the plurality of desired filters, wherein the plurality of desired filters are arranged in a sequence based on the user instruction”, which is seen to be described at least at page 16, line 24 to page 18, line 8. The claims as amended also recite “displaying information of the plurality of desired filters in a display apparatus, by parsing the code of the user interface control objects corrected in the correcting step”, which is seen to be described at least at page 19, line 7 to page 21, line 24.

Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

Claim 123 has been rejected under 35 U.S.C. § 112, second paragraph, for alleged indefiniteness. The amendments to Claim 123 are seen to attend to this rejection.

In particular, Claim 123 has been amended to recite “setting whether or not the information of the plurality of desired filters is displayed”.

Claims 118 to 142 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 5,732,277 (Kodosky) in view of <http://www.uiml.org/> (UIML). Reconsideration and withdrawal are respectfully requested.

The present invention generally concerns data processing. A plurality of desired filters is selected and loaded from a library, which stores a plurality of filters, based on a user instruction. Code of user interface control objects written in a markup language is corrected, by using the plurality of desired filters, wherein the plurality of desired filters are arranged in a sequence based on the user instruction. Display data for displaying information of the plurality of desired filters in a display apparatus is generated, by parsing the corrected code of the user interface control objects.

Referring specifically to the claims, independent Claims 118, 130 and 142 as amended are respectively directed to an apparatus, a method and a computer-readable storage medium.

Thus, among its many features, the present invention provides for (i) correcting code of user interface control objects written in a markup language, by using a plurality of desired filters selected and loaded from a library based on a user instruction, wherein the plurality of desired filters are arranged in a sequence based on the user instruction, and (ii) generating display data for displaying information of the plurality of desired filters in a display apparatus, by parsing the corrected code of the user interface control objects. The applied references of Kodosky and UIML are not seen to disclose or suggest at least these features.

As understood by Applicants, Kodosky discloses that a method for programming a computer to execute a procedure is based on a graphical interface which utilizes data flow diagrams to represent the procedure. The method stores a plurality of executable functions, scheduling functions, and data types. A data flow diagram is assembled in response to the user input utilizing icons which correspond to the respective executable functions, scheduling functions, and data types which are interconnected by arcs on the screen. See Kodosky, Abstract; Figure 22; and column 16, line 16 to column 15, line 41.

However, nothing in Kodosky is seen to disclose or suggest the correction of code for which the icons are written. As such, Kodosky is not seen to disclose or suggest correcting code of user interface control objects, muchless that such correction is by done by using a plurality of desired filters selected and loaded from a library based on a user instruction, wherein the plurality of desired filters are arranged in a sequence based on the user instruction. Moreover, Kodosky is not seen to disclose or suggest generating display data for displaying information of the plurality of desired filters in a display apparatus, by parsing the corrected code of the user interface control objects.

In addition, UIML has been reviewed and is not seen to compensate for the deficiencies of Kodosky. In particular, although UIML may be seen to disclose that user interfaces can be written in XML, UIML is not seen to disclose or suggest (i) correcting code of user interface control objects written in a markup language, by using a plurality of desired filters selected and loaded from a library based on a user instruction, wherein the plurality of desired filters are arranged in a sequence based on the user instruction, and (ii)

generating display data for displaying information of the plurality of desired filters in a display apparatus, by parsing the corrected code of the user interface control objects.

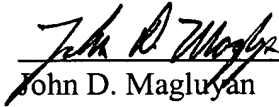
Accordingly, based on the foregoing amendments and remarks, independent Claims 118, 130 and 142 as amended are believed to be allowable over the applied references.

The other claims in the application are each dependent from the independent claims and are believed to be allowable over the applied references for at least the same reasons. Because each dependent claim is deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested.

No other matters being raised, it is believed that the entire application is fully in condition for allowance, and such action is courteously solicited.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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